

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Name of Applicant: SUN MICROSYSTEMS, INC.  
Address of Applicant: 4150 Network Circle  
Santa Clara, CA 95054

Assistant Commissioner for Patents  
Washington, D.C. 20231

**REVOCATION AND SUBSTITUTION  
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36**

Dear Sir:

Pursuant to 37 C.F.R. §1.36, Sun Microsystems, Inc., the assignee of the eleven patent applications listed on the attached APPENDIX A, revokes all previous powers of attorney in the eleven patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the eleven patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Customer Number 32615

Please direct all correspondence and telephone calls concerning the eleven patent applications listed on the attached APPENDIX A to:

Jonathan P. Osha  
ROSENTHAL & OSHA L.L.P.  
1221 McKinney Street, Suite 2800  
Houston, Texas 77010  
Telephone No.: (713) 228-8600  
Facsimile No.: (713) 228-8778

The undersigned representative of the above-identified assignee certifies that the above-identified assignee is the assignee of the entire right, title, and interest in the eleven patent applications listed on the attached APPENDIX A by virtue of a chain of title from the inventors

- 1 -

of the eleven patent applications listed on the attached APPENDIX A to the above-identified assignee.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the eleven patent applications listed on the attached APPENDIX A or any patents issuing thereon.

Signature:



Dated: August 8, 2002

Name: Kenneth Olsen  
Title: Vice President  
Intellectual Property Law  
Sun Microsystems, Inc.

**APPENDIX A**

1. Utility Patent Application No. 09/977,507

Applicant(s): David S. Allison

Title: Stream Operator In A Dynamically Typed Programming Language

Filing Date: October 12, 2001

Reel/Frame: 012266/0693

2. Utility Patent Application No. 09/977,508

Applicant(s): David S. Allison

Title: Method And Apparatus for Extending A Program Element In A Dynamically  
Typed Programming Language

Filing Date: October 12, 2001

Reel/Frame: 012268/0260

3. Utility Patent Application No. 09/977,512

Applicant(s): David S. Allison

Title: A Method And Apparatus For Runtime Binding Of Object Members

Filing Date: October 12, 2001

Reel/Frame: 012268/0172

4. Utility Patent Application No. 09/977,513

Applicant(s): David S. Allison

Title: Method And Apparatus For Determining Runtime Size And Type Information  
In Dynamically Typed Languages

Filing Date: October 12, 2001

Reel/Frame: 012266/0661

5. Utility Patent Application No. 09/977,516

Applicant(s): David S. Allison

Title: Method And Apparatus For Unifying The Semantics Of Functions And Classes  
In A Programming Language

Filing Date: October 12, 2001

Reel/Frame: 012268/0198

6. Utility Patent Application No. 09/977,521

Applicant(s): David S. Allison

Title: Method And Apparatus For Providing An Iteration Operator For An  
Object Instance In A Dynamically Typed Language

Filing Date: October 12, 2001

Reel/Frame: 012268/0273

7. Utility Patent Application No. 09/977,526

Applicant(s): David S. Allison

Title: Method And Apparatus For Dynamic Configuration Of A Lexical  
Analysis Parser

Filing Date: October 12, 2001

Reel/Frame: 012268/0154

8. Utility Patent Application No. 09/977,527

Applicant(s): David S. Allison

Title: Method And Apparatus For Statement Boundary Detection

Filing Date: October 12, 2001

Reel/Frame: 012268/0152

9. Utility Patent Application No. 09/977,715

Applicant(s): David S. Allison

Title: Method And Apparatus For Communication To Threads Of Control Through  
Streams

Filing Date: October 12, 2001

Reel/Frame: 012267/0435

**10. Utility Patent Application No. 09/977,717**

**Applicant(s): David S. Allison**

**Title: Method And Apparatus For Deriving Functions From Other Functions In A  
Programming Language**

**Filing Date: October 12, 2001**

**Reel/Frame: 012267/0444**

**11. Utility Patent Application No. 10/016,806**

**Applicant(s): Nyles I. Nettleton**

**Title: Nested Carbon Nanotubes As An Inter-Module Interface**

**Filing Date: October 30, 2001**

**Reel/Frame: 012386/0963**

33038\_1.DOC

ONE HOUSTON CENTER • SUITE 2800  
1221 MCKINNEY STREET  
HOUSTON, TEXAS 7701  
TELEPHONE: (713) 228-8600  
FACSIMILE: (713) 228-8778

**ROSENTHAL & OSHA L.L.P.**

**Fax**

Date: April 18, 2003

File: 16159.093001

To: ELLA WASHINGTON

1-703-746-7240

cc:

From: Robert Lord

Re: Patent Application Serial Number  
09/977,513

Pages (including cover sheet):

\*\*\*

9  
~~10~~

\*\*\*\*

☐ **URGENT!**

☐ Please Reply

☐ Please Review  
& Comment

☐ For Your  
Information

• **COMMENTS:**

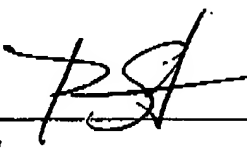
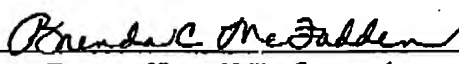
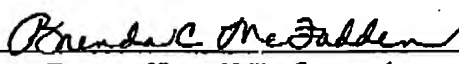
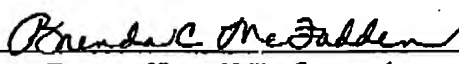
Ella: As per your request, attached is a copy of the Revocation and Substitution of Power Of Attorney for the referenced application. Please process as soon as possible.

Best Regards,

Robert Lord

**CONFIDENTIALITY NOTICE**

This document (including any attachments) may contain privileged or confidential information. In the event that this document has been sent to you in error, or otherwise has been misdirected, please call the sender COLLECT at (713) 228-8600 to arrange for its prompt return or destruction. Your cooperation is greatly appreciated.

<b>TRANSMITTAL LETTER</b> (General - Patent Pending)			Docket No. 16159.093001; P5941			
In Re Application Of: <b>David S. ALLISON</b>						
Serial No. 09/977,513	Filing Date 10/12/2001	Examiner	Group Art Unit 2122			
Title: <b>METHOD AND APPARATUS FOR DETERMINING RUNTIME SIZE AND TYPE INFORMATION IN DYNAMICALLY TYPED LANGUAGES</b>						
<p style="text-align: center;"><u>TO THE ASSISTANT COMMISSIONER FOR PATENTS:</u></p> <p>Transmitted herewith is:</p> <p><b>Power of Attorney and Postcard</b></p> <p>in the above identified application.</p> <p><input checked="" type="checkbox"/> No additional fee is required.</p> <p><input type="checkbox"/> A check in the amount of _____ is attached.</p> <p><input checked="" type="checkbox"/> The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. <b>50-0591</b> as described below. A duplicate copy of this sheet is enclosed.</p> <p style="margin-left: 40px;"><input type="checkbox"/> Charge the amount of _____</p> <p style="margin-left: 40px;"><input type="checkbox"/> Credit any overpayment.</p> <p style="margin-left: 40px;"><input checked="" type="checkbox"/> Charge any additional fee required.</p> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"><div style="text-align: center;"> _____ <i>Signature</i></div><div style="text-align: right;">Dated: <u>8/29/02</u></div></div> <div style="margin-top: 10px;"><b>Jonathan P. Osha, Reg. No. 33,986</b> <b>ROSENTHAL &amp; OSHA L.L.P.</b> 1221 McKinney, Suite 2800 Houston, Texas 77010 Telephone: (713) 228-8600 Facsimile: (713) 228-8778</div>						
cc:		<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="padding: 5px;">I certify that this document and fee is being deposited on <u>August 29, 2002</u> with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.</td></tr><tr><td style="text-align: center; padding: 5px;"> <i>Signature of Person Mailing Correspondence</i></td></tr><tr><td style="text-align: center; padding: 5px;"><b>Brenda C. McFadden</b> <i>Typed or Printed Name of Person Mailing Correspondence</i></td></tr></table>		I certify that this document and fee is being deposited on <u>August 29, 2002</u> with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.	 <i>Signature of Person Mailing Correspondence</i>	<b>Brenda C. McFadden</b> <i>Typed or Printed Name of Person Mailing Correspondence</i>
I certify that this document and fee is being deposited on <u>August 29, 2002</u> with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.						
 <i>Signature of Person Mailing Correspondence</i>						
<b>Brenda C. McFadden</b> <i>Typed or Printed Name of Person Mailing Correspondence</i>						



#4  
LST  
4-30-03Docket No: 16159-093001; P5941

The Patent and Trademark Office date stamp hereby acknowledges receipt of the following documents:

Applicant/Patentee: David S. AllisonSerial/Patent No: 091977, 5131Filed/Issued: 10/12/01Title: METHOD AND APPARATUS FOR DETERMINING RUNTIME SIZE  
AND TYPE INFORMATION IN DYNAMICALLY TYPED LANGUAGES

- ☐ Application (Original/CIP/Cont./Div./PCT National/Provisional/RCE)
- ☐ \_\_\_\_\_ pages transmittal; \_\_\_\_\_ pages specification; \_\_\_\_\_ pages of claims; \_\_\_\_\_ number of claims
- ☐ \_\_\_\_\_ pages of abstract; \_\_\_\_\_ sheets of drawings (formal/informal/amended)
- ☐ Assignment and cover sheet
- ☐ Small Entity Declaration (signed/unsigned)
- ☒ Combined Declaration and Power of Attorney (signed/unsigned)
- ☐ Transmittal letter
- ☐ \_\_\_\_\_ pages Amendment/Response ☐ \_\_\_\_\_ Extension of Time \_\_\_\_\_ Months
- ☐ \_\_\_\_\_ pages Preliminary Amendment
- ☐ Notice of Missing Parts
- ☐ Information Disclosure Statement \_\_\_\_\_ pages; \_\_\_\_\_ PTO-1449 Form; \_\_\_\_\_ No. of refs
- ☐ Issue Fee Form PTOL-85(b) ☐ Publication fee ☐ Request for Patent Copies
- ☐ Check \$ \_\_\_\_\_
- ☐ Deposit Account Order Form (2 copies)
- ☐ Other \_\_\_\_\_

Express Mail No. \_\_\_\_\_

Date: 8/29/02 Init: RL/gwl/bcm

S

Docket No: 16159-093001; P5941

The Patent and Trademark Office date stamp hereby acknowledges receipt of the following documents:

Applicant/Patentee: David S. AllisonSerial/Patent No: 091977, 5131Filed/Issued: 10/12/01Title: METHOD AND APPARATUS FOR DETERMINING RUNTIME SIZE  
AND TYPE INFORMATION IN DYNAMICALLY TYPED LANGUAGES

- ☐ Application (Original/CIP/Cont./Div./PCT National/Provisional/RCE)
- ☐ \_\_\_\_\_ pages transmittal; \_\_\_\_\_ pages specification; \_\_\_\_\_ pages of claims; \_\_\_\_\_ number of claims
- ☐ \_\_\_\_\_ pages of abstract; \_\_\_\_\_ sheets of drawings (formal/informal/amended)
- ☐ Assignment and cover sheet
- ☐ Small Entity Declaration (signed/unsigned)
- ☒ Combined Declaration and Power of Attorney (signed/unsigned)
- ☐ Transmittal letter
- ☐ \_\_\_\_\_ pages Amendment/Response ☐ \_\_\_\_\_ Extension of Time \_\_\_\_\_ Months
- ☐ \_\_\_\_\_ pages Preliminary Amendment
- ☐ Notice of Missing Parts
- ☐ Information Disclosure Statement \_\_\_\_\_ pages; \_\_\_\_\_ PTO-1449 Form; \_\_\_\_\_ No. of refs
- ☐ Issue Fee Form PTOL-85(b) ☐ Publication fee ☐ Request for Patent Copies
- ☐ Check \$ \_\_\_\_\_
- ☐ Deposit Account Order Form (2 copies)
- ☐ Other \_\_\_\_\_

Express Mail No. \_\_\_\_\_

Date: 8/29/02 Init: RL/gwl/bcm

S

09-09-02